

09/889539

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PATENT

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12/7/0IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)
)
 Applicant: Infineon Technologies)
)
 Serial No.: Not Yet Assigned)
)
 Filed: Herewith)
)
 For: METHOD AND DEVICE FOR)
 CALCULATING A DISCRETE)
 ORTHOGONAL TRANSFORMATION)
 SUCH AS FFT OR IFFT)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
 Washington, D.C. 20231

Sir:

This is a Preliminary Amendment for entry in the above-identified application.

In the Claims:

Please amend the claims as follows:

1. (amended) A method for calculating an orthogonal discrete transform on the basis
 of the DIT method in prescribed intermediate steps,

wherein

- a) the data are read from a memory organized on a page-for-page basis,
- b) the intermediate step prescribed by the transform is carried out,
- c) the resulting data are stored in a buffer memory, and
- d) the resulting data are written page-for-page from the buffer memory
 to the memory organized on a page-for-page basis.

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